vibration and shock vibration step, the concrete is allowed to cure, completing a panel.

While this invention has been described as having certain preferred features and embodiments, it will be understood that it is capable of still further variation and modification with out departing from the spirit of the invention, and this application is intended to cover any and all variations and modifications of the invention as may be apparent from the foregoing description and claims, and as may be within the spirit of the invention and the scope of the appended claims.

I claim:

1. A concrete panel system comprising a plurality of concrete panels arranged in side-by-side fashion on a substantially vertical supporting wall, each of said panels comprising in turn;

a rectangular body having a front surface and a rear surface and beveled side edges, said side edges forming an angle of between eighty-five and ninety degrees with said rear surface;

a caulking groove connecting each of said beveled side edges with said front face, the side edges of adjacent panels forming a V-joint therebetween, and,

a flexible sealant material in a portion of said caulking grooves of adjacent panels and a portion of said V-joint for providing a seal between adjacent panels,

and wherein said V-joint widens from said rear surface toward said front surface

and wherein the apex of said V-joint lies in the plane of said rear surface upon installation of said panels.

2. A concrete panel system as in claim 1 and wherein said panels include hanger means for securing said panels to said supporting wall.

3. A concrete panel system as in claim 2 and wherein said-hanger means includes a hanger embedded in said panels and projecting from said rear surface.

4. A concrete panel system as in claim 1 and including a coating on the exposed surface of said sealant material for protecting said sealant material from LTV light.

5. A concrete panel system as in claim 4 and wherein said coating comprises a silica sand.

6. A concrete panel system comprising a plurality of concrete panels arranged in side-by-side fashion on a substantially vertical supporting wall, each of said panels comprising in turn;

a rectangular body having a front surface and a rear surface and beveled side edges, said side edges forming an angle of between eighty-five and ninety degrees with said rear surface;

a caulking groove connecting each of said beveled side edges with said front face, the side edges of adjacent panels forming a V-joint therebetween, and,

a flexible sealant material in a portion of said caulking grooves of adjacent panels and a portion of said V-joint for providing a seal between adjacent panels,

and wherein said side edges of each panel are in contact with the side edges of each adjacent panel at a crush zone formed in the panel for absorbing thermal expansion of said panels after installation.

7. A concrete panel system as in claim 6 and wherein the apex of said V-joint lies in the plane of said rear surface upon installation of said panels.

8. A concrete panel system as in claim 7 and wherein said panels include hanger means embedded in said panels and projecting from said rear surface for securing said panels to said supporting wall.

9. A concrete panel system comprising a plurality of concrete panels arranged in side-by-side fashion on a substantially vertical supporting wall, each of said panels in turn comprising;

a rectangular body having a front surface and a rear surface and beveled side edges, said side edges forming an angle of between eighty-five and ninety degrees with said rear surface;

a caulking groove connecting each of said beveled side edges with said front face, the side edges of adjacent panels forming a V-joint between the adjacent panels;

a flexible sealant material in portions of said caulking grooves of adjacent panels and a portion of said V-joint for providing a seal between adjacent panels, and,

hanger means embedded in said panels for securing said panels to said supporting wall and, a coating on the exposed surface of said sealant material for protecting said sealant material from UV light.

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